

INLAND TECHNOLOGY -- X-CALIBER - CLEANING COMPOUND, SOLVENT  
MATERIAL SAFETY DATA SHEET  
NSN: 6850013780809  
Manufacturer's CAGE: OK209  
Part No. Indicator: A  
Part Number/Trade Name: X-CALIBER

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**General Information**  
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Item Name: CLEANING COMPOUND, SOLVENT  
Company's Name: INLAND TECHNOLOGY INC  
Company's Street: 401 EAST 27TH ST  
Company's City: TACOMA  
Company's State: WA  
Company's Country: US  
Company's Zip Code: 98421  
Company's Emerg Ph #: 206-922-8932  
Company's Info Ph #: 206-922-8932  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 03JAN95  
Safety Data Review Date: 27JUN96  
Supply Item Manager: CX  
MSDS Preparer's Name: UNKNOWN  
MSDS Serial Number: BSLH  
Hazard Characteristic Code: F4  
Unit Of Issue: BX  
Unit Of Issue Container Qty: 6 X 1 GALLON  
Type Of Container: BOX  
Net Unit Weight: 46.2 LBS

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**Ingredients/Identity Information**  
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Proprietary: NO  
Ingredient: N-METHYLPYRROLIDONE  
Ingredient Sequence Number: 01  
Percent: <65  
NIOSH (RTECS) Number: UY5790000  
CAS Number: 872-50-4  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: D-LIMONENE  
Ingredient Sequence Number: 02  
Percent: UNKNOWN  
NIOSH (RTECS) Number: GW6360000  
CAS Number: 5989-27-5  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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**Physical/Chemical Characteristics**  
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Appearance And Odor: CLEAR WITH MILD CITRUS ODOR.

**Boiling Point:** 370F, 188C  
**Vapor Pressure (MM Hg/70 F):** <2 MMHG  
**Vapor Density (Air=1):** 4.5  
**Specific Gravity:** 0.92  
**Evaporation Rate And Ref:** <0.1 (N-BUTYL ACETATE=1)  
**Solubility In Water:** VERY SLIGHT (WATER)  
**Percent Volatiles By Volume:** 100

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**Fire and Explosion Hazard Data**  
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**Flash Point:** 136F, 58C  
**Flash Point Method:** PMCC  
**Lower Explosive Limit:** 0.8  
**Upper Explosive Limit:** N/A  
**Extinguishing Media:** REGULAR FOAM, DRY CHEMICAL, CARBON DIOXIDE.  
**Special Fire Fighting Proc:** WEAR POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS. COOL CONTAINER WITH SPRAY IF POSSIBLE.  
**Unusual Fire And Expl Hazrds:** AUTO IGNITION TEMPERATURE APPROXIMATELY 460F.

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**Reactivity Data**  
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**Stability:** YES  
**Cond To Avoid (Stability):** NONE SPECIFIED BY MANUFACTURER.  
**Materials To Avoid:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS.  
**Hazardous Decomp Products:** N/A  
**Hazardous Poly Occur:** NO  
**Conditions To Avoid (Poly):** NONE

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**Health Hazard Data**  
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**LD50-LC50 Mixture:** ORAL LD50 (RAT) IS UNKNOWN  
**Route Of Entry - Inhalation:** NO  
**Route Of Entry - Skin:** YES  
**Route Of Entry - Ingestion:** NO  
**Health Haz Acute And Chronic:** ACUTE-PRODUCT CONTACT THE EYE MAY CAUSE EYE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION AND DEFATTING. EXCESSIVE INHALATION OF VAPOR CAN CAUSE NASAL AND RESPIRATORY IRRITATION, POSSIBLE UNCONSCIOUSNESS & ASPHYXIATION. SWALLOWING LARGE AMOUNTS CAN CAUSE GASTROINTESTINAL DISTURBANCES. CHRONIC-MILD IRRITATION.  
**Carcinogenicity - NTP:** NO  
**Carcinogenicity - IARC:** NO  
**Carcinogenicity - OSHA:** NO  
**Explanation Carcinogenicity:** NONE KNOWN.  
**Signs/Symptoms Of Overexp:** EYE-REDNESS AND TEMPORARY CORNEAL CLOUDING. SKIN-REDNESS. INHALATION-DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE.  
**Med Cond Aggravated By Exp:** SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS.  
**Emergency/First Aid Proc:** EYES-IF EYE CONTACT OCCURS, FLUSH WITH WATER FOR AT LEAST 15 MIN OCCASIONALLY OPEN UPPER & LOWER LIDS. IF IRRITATION PERSISTS, CALL DOCTOR. SKIN-IN CASE OF SKIN CONTACT WASH SKIN THOROUGHLY WITH SOAP & WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN. INHALATION-IF OVERCOME BY VAPOR OR MIST, REMOVE TO FRESH AIR & ASSIST BREATHING AS NECESSARY. INGESTION-DO NOT INDUCE VOMITING. SEEK MEDICAL AID.

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**Precautions for Safe Handling and Use**  
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**Steps If Matl Released/Spill: STOP LEAK AT ONCE. CONTAIN AND COLLECT MATERIAL. ABSORB RESIDUE.**

**Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.**

**Waste Disposal Method: CONTACT FEDERAL, STATE, COUNTRY OR LOCAL ENVIRONMENTAL REGULATORY AGENCIES FOR GUIDANCE.**

**Precautions- Handling/Storing: USE AND STORE AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER SEALED WHEN NOT IN USE.**

**Other Precautions: READ AND UNDERSTAND ALL CAUTIONS, LABELS AND MSDS BEFORE USING ANY CHEMICAL PRODUCT.**

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**Control Measures**  
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**Respiratory Protection: APPROVED ORGANIC VAPOR RESPIRATOR IF EXCESSIVE MIST OR VAPORS ARE CREATED.**

**Ventilation: USE MECHANICAL VENTILATION WHENEVER PRODUCT IS USED IN CONFINED SPACE, ATOMIZED, HEATED OR AGITATED.**

**Protective Gloves: NITRILE, BUTYL RUBBER, TEFLON, SILVER SH**

**Eye Protection: SPLASH GOGGLES/FACE SHIELD.**

**Other Protective Equipment: BOOTS, COVERALLS, APRONS AS NECESSARY TO PREVENT SKIN CONTACT.**

**Work Hygienic Practices: DO NOT HAVE FOOD OR DRINK IN THE VICINITY. MINIMIZE BREATHING OF VAPOR OR MIST. AVOID PROLONGED OR REPEATED CONTACT SKIN**

**Suppl. Safety & Health Data: WASH CONTAMINATED CLOTHING BEFORE RESUE. KEEP ALL CHEMICALS OUT OF THE REACH OF CHILDREN.**

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**Transportation Data**  
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**Trans Data Review Date: 94186**

**DOT PSN Code: DOR**

**DOT Symbol: D**

**DOT Proper Shipping Name: COMPOUNDS, CLEANING LIQUID**

**DOT Class: 3**

**DOT ID Number: NA1993**

**DOT Pack Group: III**

**DOT Label: FLAMMABLE LIQUID**

**IMD PSN Code: HIA**

**IMD Proper Shipping Name: FLAMMABLE LIQUID, N. O. S. o**

**IMD Regulations Page Number: 3345**

**IMD UN Number: 1993**

**IMD UN Class: 3.3**

**IMD Subsidiary Risk Label: -**

**IATA PSN Code: MCA**

**IATA UN ID Number: 1993**

**IATA Proper Shipping Name: FLAMMABLE LIQUID, N. O. S. \***

**IATA UN Class: 3**

**IATA Label: FLAMMABLE LIQUID**

**AFI PSN Code: HBS**

**AFI Symbols: D**

**AFI Prop. Shipping Name: COMPOUNDS, CLEANING LIQUID**

**AFI Class: 3**

**AFI ID Number: NA1993**

**AFI Pack Group: III**

**AFI Basic Pac Ref: 7-7**

**MMAC Code: NR**

**N. O. S. Shipping Name: D-LIMONENE, N-METHYL PYROLIDONE.**

**Additional Trans Data: NONE**

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**Disposal Data**  
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**Label Data**  
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Label Required: YES

Technical Review Date: 05JUL94

MFR Label Number: UNKNOWN

Label Status: F

Common Name: FX-153 X-CALIBER

Chronic Hazard: YES

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION AND DEFATTING. INGEST: MAY CAUSE GI TRACT IRRITATION. INHAL: MAY CAUSE RESPIRATORY IRRITATION. STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM SOURCES OF IGNITION. FLUSH WITH WATER FOR 15 MINUTES. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: INLAND TECHNOLOGY INC

Label Street: 2612 PACIFIC HWY NO C

Label City: TACOMA

Label State: WA

Label Zip Code: 98424

Label Country: US

Label Emergency Number: 800-255-3924

Year Procured: 1994